

## Fibres

### Air and liquid filtration

Beaulieu Fibres International offers a complete range of mono-component and bi-component fibres for the filtration industry. Our complete range of FDA and European Food Contact compliant staple fibres allow to optimize the filtration performance. By carefully selecting the right blend of different fibre diameters, our fibres enable reaching the perfect balance in limiting pressure drop and maximizing dust retention capability of the filter media.

Our latest innovations in terms of fibre shape, composition and tribo-electric charging will help our customers to reach new levels of filtration efficiency.

#### Liquid filtration

Our PP fibres have the best chemical resistance in the market and can be specified as low foaming. Therefore they are highly suitable for the use in liquid filtration applications including hydraulic, oil and fuel.

#### Air filtration

Our bi-component fibres are designed to offer the best bulk and surface area for thermal bonded filter media in HVAC and Furnace applications. The development of fibres with tribo-electric properties help to bring dust retention to the next level.

Optimized filtration performance and efficiency

- Low foaming properties
- Tribo-electric charging
- Compliant with FDA and European food contact regulation
- Unique dust retention capability
- Chemical inertia

### Broad range of mono component and bi-component fibres

Specifications	Mono	Bico   Meralux
Dtex	1,7 - 17	1,3 - 6,7
Crimps (per cm)	2 - 5	5 - 10
Cut length (mm)	40 - 90	40 - 60
Properties	non and low foaming hydrophilic	Hydrophilic, Permanent Hydrophilic, High Wicking Hydrophilic, Hydrophobic

## Technical



## About Beaulieu Fibres International

As largest European producer of polyolefin fibres, our company is part of the Engineered Products Business Unit of Beaulieu International Group, with headquarters in Belgium.

With three production sites in Europe - two in Belgium and one in Italy, we supply Mono/BICO fibres with round and trilobal cross section with linear densities of 1.0 to 500 dtex to customers in industries such as Automotive, Hygiene, Geotextiles, Flooring, Filtration and Upholstery. Our broad portfolio includes coloured fibres, bonding fibres, high tenacity fibres, ultrasoft fibres with different cross-sections, including trilobal, suitable for a wide range of processing technologies.

## Member of Beaulieu International Group

Beaulieu International Group is a well-respected industrial group with headquarters in Belgium. It holds an important market position both in the production of raw materials and intermediate goods, and the supply of perfectly finished floorcoverings. Beaulieu International Group has more than 5,000 employees in 27 plants, 16 representative offices and distribution centres spread across 16 countries. In 2018, the turnover was close to €2 billion.

Beaulieu International Group is composed of three business units. 'Flooring Solutions', is a worldwide leader in wall-to-wall floorcoverings (carpet, needle felt, artificial grass, cushion vinyl, vinyl planks, laminate, parquet, wall panels and mats). A second business Unit, 'Polymers', produces polypropylene granules for numerous applications. The third business unit 'Engineered Products', houses the activities related to 'Fibres', 'Yarns', 'Technical Textiles' and 'Technical Sheets'. The Beaulieu International Group's entrepreneurial spirit and innovative ambitions make it the model of diversity and evolution within the sector. They allow it to create added value sustainably for customers, employees, suppliers, shareholders and for the society in which it operates.



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